

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 10, line 7, as follows:

Thus, in this processing system of the present invention, a rewrite program for the microcomputer A 3 has a transfer routine for transferring a rewrite program for the microcomputer B 4 to the microcomputer B 4. When the program rewrite unit 8 outputs a rewrite program for the microcomputer B 4, the microcomputer A 3 executes the transfer routine to transfer the rewrite program for the microcomputer B 4 to the microcomputer B 4. This structure eliminates the need of the modification of the boot program, being applied to various conditions or applications. For instance, a boot program of each microcomputer thereby ~~needs to be~~ not need not be modified so that a flash memory storing the boot program of the microcomputer can be replaced with a mask ROM or the like. This also enables the boot program to be simplified.